

51 LeuaspProglyProphaspGlnGlySerProphAlaGlnGluLeu 67
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574 CTGACGAGGAGGCCCTTGACAGAGGAGCCCTTGCCAGGAGGCTGCT 623
67 uaspaspGlnGlnAlaSerProGlyrHsProGlySerGlyAlaG 84
|||||
624 GGACGAGGAGGAGCCAGCCAGCCCTACACAGCCGAGCTGTGGGCGAG 673
84 1Y 84
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674 GA 675

seq_name: /cgn2_6/ptodata/2/1na/5A_COMB.seq:US-08-306-691B-23

seq_documentation_block:

Sequence 23, Application US/08306691B
Patent No. 5734039
GENERAL INFORMATION:
APPLICANT: Calabretta, Bruno
APPLICANT: Skoraki, Tomasz
TITLE OF INVENTION: ANTISENSE
TITLE OF INVENTION: OLIGONUCLEOTIDES TARGETING COOPERATING ONCOGENES
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seidel, Gonda, Lavoragna & Monaco, P.C.
STREET: Two Penn Center, Suite 1800
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: U.S.A.
ZIP: 19102
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/306,691B
FILING DATE: September 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Monaco, Daniel A.
REGISTRATION NUMBER: 30,480
REFERENCE/DOCKET NUMBER: 8321-8
TELEPHONE: (215) 568-8383
TELEFAX: (215) 568-5549
TELEX: NO. 5734039G
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 2301 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-306-691B-23

alignment_scores:
Quality: 72.00 Length: 64
Ratio: 2.182 Gaps: 4
Percent Similarity: 51.562 Percent Identity: 35.938

alignment_block:

US-08-978-217-7 x US-08-306-691B-23/rev ..

Align seg 1/1 to reverse of: US-08-306-691B-23 from: 1 to: 2301

28 SerSeraspGluLeuSerTrpIleIleGlnLeuGlnLysaspG1 44
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423 TCACGCTCTTCTTCAACACGAGCTGATCTACGG..... 391

44 yMetAlaPheGlnGluAlaLeu.AspProGlyProphaspGlnGlySer 60
|||||
390TTCAAGAGAGGCCACCTCAGCTCAGCTCTT...CCGGGCCC 351
61 ProphAlaGlnLeuLeuaspaspGlnGlnAlaSerProGlyrH1 77
|||||
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77 s.....ProGlySerGlyAla 83
|.....
300 TCATCTGCTGCTGCTGACAGACCTGATCTTCCGCTTCA 261

seq_name: /cgn2_6/ptodata/2/1na/PCTUS_COMB.seq:PCT-US93-06251-78

seq_documentation_block:

Sequence 78, Application PC/TUS9306251
GENERAL INFORMATION:
APPLICANT: Wickstrom, Eric and Rife, Jason P.
TITLE OF INVENTION: Trivalent synthesis of Oligonucleotides containing
TITLE OF INVENTION: Stereospecific Alkylphosphonates and Arylphosphonates
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MORPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: NY
COUNTRY: USA
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/06251
FILING DATE: 19930630
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Digiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8586
TELEPHONE: 516-742-4343
TELEFAX: 516-742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 2301 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US93-06251-78

alignment_scores:
Quality: 72.00 Length: 64
Ratio: 2.182 Gaps: 4
Percent Similarity: 51.562 Percent Identity: 35.938

alignment_block:

US-08-978-217-7 x PCT-US93-06251-78/rev ..

Align seg 1/1 to reverse of: PCT-US93-06251-78 from: 1 to: 2301

28 SerSeraspGluLeuSerTrpIleIleGlnLeuGlnLysaspG1 44
|||||
423 TCACGCTCTTCTTCAACACGAGCTGATCTACGG..... 391
44 yMetAlaPheGlnGluAlaLeu.AspProGlyProphaspGlnGlySer 60
|||||
390TTCAAGAGAGGCCACCTCAGCTCAGCTGTT...CCGGGCCC 351

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|---------------------|--------|-------------------|--------|
| Ratio: | 1.324 | Gaps: | 5 |
| Percent Similarity: | 47.788 | Percent Identity: | 32.743 |

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alignment_block:
US-08-978-217-7 x US-09-351-215-1 .
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Align seg 1/1 to: US-09-351-215-1 from: 1 to: 3141

9 LeuValPheGlyProLeuGlyAspGlnLeuHisAlaGlnLeuArgAspLe 25
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2227 CTGAAGCTGGGCTCCAGGCTAGACGACTCCAGGCCAGATGAACAGCCT 2276

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25 uThrserserserseraspgluleuSerTrpilellegluleuLeuglul 42
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227. GGAGTCCCGCGTGTCTCAGACCTCAGCGCATCTTGAGAGCTCCTCAGA 2326

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42 ys.....AspGlyMetaIa.....46
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   ::||| ||
2327 AGCCCATGCCCCAGGGCCACGCCAGCTACATTCTGGAAGCCCTGCCTCC 2376

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47Pheginglualaleuasproglypr 55
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2377 AATGACCTGGCCTTGTTCCATTAGCCTCGAGACGACGAGTCCAGGCC 2426

55 0..... 55
2427 CAGCGTCCCCCAGGGCTTTCGTTCCGACACAGACCCCAAGCTATGAG 2476

56 . PheaspGInGlySerProPheaeGInGlyIuLeueuaspspsGlyGln 71
:::||||: ||||| ||||||||||||| |||
2477 ACTTGATGACTGTAGTCCAA.GCACAGSACTTCCTCCCC.....CAG 2519

72 GlnAlaSerProTyrHisProGlySerCysGlyAlaGly 84
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2520 GATGCGTACCT.....GGCTGTGGCAACGCA 2546
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seq_name: /cgn2_6/ptodata/2/lna/5B_COMB.seq:US-08-955-713-1

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seq_documentation_block:
; Sequence 1, Application US/08955713
; Date: Nov 2008
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1 PATENT NO.: 5953506
2
3 GENERAL INFORMATION:
4
5 APPLICANT: SATHE, GANESH
6
7 APPLICANT: MOONEY, JEFFREY
8
9 APPLICANT: BERGSMÄ, DERK
10
11 APPLICANT: HALSEY, WENDY
12
13 TITLE OF INVENTION: CDNA CLONE HEAD54 THAT ENCODES
14
15 NUMBER OF SEQUENCES: 4
16
17 CORRESPONDENCE ADDRESS:
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A HUMAN 7-TRANS

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: TELFAX: 610-407-0701
: TELEX: 846169
: INFORMATION FOR SEQ ID NO: 1
: SEQUENCE CHARACTERISTICS:
: LENGTH: 194 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
: US-08-955-713-1

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alignment_scores:
  Quality: 66.00
  Ratio: 1.535
  Gaps: 4
Percent Similarity: 46.739
Percent Identity: 29.348
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alignment_block:
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US-08-978-217-7 x US-08-955-713-1/rev

Align seg 1/1 to reverse of: US-08-955-713-1 from: 1 to: 1594

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24 ...AspleuThrSerSerSerSeraSpluleuSerTripleleGlul 39
    :::::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
1064 GCCCAATGCTCACAATAGCAAGAGAGATGAGCGCCAGTGGCAGAGAAC 1015

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39  euleuglutylasp.....Glymetala 46
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1014  TCCACGACGTTACAGTGCCTGTGCCACGCGAGCGAGCGAGGCTTCGT 965

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47 pHeGInGluAlaLeuAspProGlyProPheAspGInGlySerProPheAl 63
 :::: :::: ||| :::: ||
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63 agInGIuLeuLeu.....AspaspGlygInGIaLaSerProT 76
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923 TCAGAGCAGGAGTGCCCGTTGAGAGCAGCAGATGCCCAACCCAGAGTCCCCC 874

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76 yrHisproGlySerCysGlyAlaGly 84
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seq_name: /cgn2_6/ptodata/2/lna/5A_COMB.seq:US-08-131-365B-37

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seq_documentation_block:
; Sequence 37, Application US/08131365E
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? Patent No. 5527690
 ?
 ? GENERAL INFORMATION:
 ?
 ? APPLICANT: Brown, Michael S.
 ? APPLICANT: Briggs, Michael R.
 ? APPLICANT: Wang, Xiaodong
 ? APPLICANT: Goldstein, Joseph L.
 ?
 ? TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING
 ? TO STEROID REGULATORY ELEMENT BINDING
 ?
 ? TITLE OF INVENTION: PROTEINS

CORRESPONDENCE ADDRESS:

ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433

CITY: Houston
STATE: Texas
COUNTY: Harris

COUNTRY: U.S.A
ZIP: 77210
COMPUTER READABLE

COMPUTER: IBM PC compatible
MEDIUM TYPE: Floppy disk
COMPILED IN: RESEARCHED FORM:

```

;
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30

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MEDIUM TYPE: Floppy disk ;

STATE: California

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; COUNTRY: United States of America
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,809
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 9503
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3546 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 2..2920
; US-08-162-809-9

alignment_scores:
    Quality: 64.50      Length: 64
    Ratio: 1.743        Gaps: 1
    Percent Similarity: 57.812    Percent Identity: 26.562

alignment block:
US-08-978-217-7 x US-08-162-809-9 ..

Align seg 1/1 to: US-08-162-809-9 from: 1 to: 3546

25 LeuThrsersersersAspGluLeuSerTripletIleGluLeuLauG1 41
||| : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
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41 uLysAspGlyMetAlaPheGlnGlnAlaLeuAsp.....P 53
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2305 CAGCTCCCTGGAGGCAAGATCCCATCAGTGCAGTGCAGCTCTGAGGCCA 2354
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seq_name: /c9n2_6/plodata/2/1na/5A.COMB.seq:US-08-162-809-13

seq_documentation block:
; Sequence 13, Application US/08162809
; Patent No. 5457048
; GENERAL INFORMATION:
; APPLICANT: Pasquale, Elena B.
; APPLICANT: Sajjadi, Fereydown G.
; TITLE OF INVENTION: NOVEL EPH-RELATED TYROSINE KINASES.
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCES, AND METHODS OF USE
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CAMPBELL AND FLORES
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States of America
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; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,809
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 9503
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3591 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 2..2965
; US-08-162-809-13

alignment_scores:
    Quality: 64.50      Length: 64
    Ratio: 1.743        Gaps: 1
    Percent Similarity: 57.812    Percent Identity: 26.562

alignment block:
US-08-978-217-7 x US-08-162-809-13 ..

Align seg 1/1 to: US-08-162-809-13 from: 1 to: 3591

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2250 CTGCCCGCAACATCTCTGTCAACAGCAACTTGGCTGCACAAAGTGTCTGAC 2299
41 uLysAspGlyMetAlaPheGlnGlnAlaLeuAsp.....P 53
: : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
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53 roGlyProPheAspGlnGlySerProPheAlaGlnGluLeuLeuAsp 69
||| : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
2350 CAGCTCCCTGGAGGCAAGATCCCATCAGTGCAGTGCAGCTCTGAGGCCA 2399
70 GLyGlnGlnAlaSerProTyRHisProGlySerCysGlyAla 83
: : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
2400 TCGCCTACCCGCAATTCACGTCGGCGCAGCAGCTGTGAGCT 2441

seq_name: /c9n2_6/plodata/2/1na/5A.COMB.seq:US-08-357-598-1

seq_documentation block:
; Sequence 1, Application US/08357598
; Patent No. 5705625
; GENERAL INFORMATION:
; APPLICANT: Civin, Curt I.
; APPLICANT: Small, Donald
; TITLE OF INVENTION: NOVEL PROTEIN TYROSINE KINASE, JAK3
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCES, AND METHODS OF USE
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/357,598
FILING DATE: 15-DEC-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Halle, Lisa A.
REGISTRATION NUMBER: 38,347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3807 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-357-598-1
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alignment_scores:
Quality: 64.50      Length: 83
Ratio: 1.402      Gaps: 2
Percent Similarity: 55.422      Percent Identity: 25.301
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alignment_block:

US-08-978-217-7 x US-08-357-598-1/rev ..

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4 LeuGlulLeuAArgLeuValPheGlyProLeuGlyAspGlnLeuHisAl 20
||||:||||| ||| :|||:||||| |||
2168 CTTGATGAAAGGCGGCGCTCCATCAGCCCTCCGACGAGGAGCAGCT 2119
20 aGlnLeuAArgAspLeuThrSerSerSerSerAspGlnLeuSerTrpIleI 37
|||||:||||| :|||:|||||
2118 TCCGGGCGAGACATGCCATGGGACAG.....GCCTTGTGCC 2081
37 leGluLeuLeuGluLysAspGlyMetAlaPheGlnGlnAlaLeuAspPro 53
||||:||||| ||| :|||:||||| |||
2080 TCCAGATAGTTGAGGCGCTAGCCAGCTGTTGACCACTGCAGCTTCCA 2031
54 GlyProPheAspGlnGlySerProPheAlaGln..... 64
|||:||||| :|||:|||||
2030 GCTGGCTGGCACGAGTGGCCAGCTTTCCGACATACATGTTATGGCCC 1981
65 .....GluLeuLeuAspAspGlyGlnGlnAlaSerProTrpHis 77
||||:||||| ||| :|||:||||| |||
1980 CCAGGTGTACAAATTCCTCGACCATGTGCTGTCCAGCATGACAC 1932
```

seq_name: /cgn2_6/plodata/2/ina/5B_COMB.seq:US-09-003-289-1

seq_documentation_block:

Sequence 1, Application US/09003289

Patent No. 5916792

GENERAL INFORMATION:

APPLICANT: Glavin, Curt I.

APPLICANT: Small, Donald

TITLE OF INVENTION: NOVEL PROTEIN TYROSINE KINASE, JAK3

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.

STREET: 4225 Executive Square, Suite 1400

CITY: La Jolla

STATE: CA

COUNTRY: USA

ZIP: 92037

COMPUTER READABLE FORM:

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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/003,289
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/357,598
FILING DATE: 15-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Halle, Lisa A.
REGISTRATION NUMBER: 38,347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3807 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-003-289-1
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alignment_scores:
Quality: 64.50      Length: 83
Ratio: 1.402      Gaps: 2
Percent Similarity: 55.422      Percent Identity: 25.301
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alignment_block:

US-08-978-217-7 x US-09-003-289-1/rev ..

Align seg 1/1 to reverse of: US-09-003-289-1 from: 1 to: 3807

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4 LeuGlulLeuAArgLeuValPheGlyProLeuGlyAspGlnLeuHisAl 20
||||:||||| ||| :|||:||||| |||
2168 CTTGATGAAAGGCGGCGCTCCATCAGCCCTCCGACGAGGAGCAGCT 2119
20 aGlnLeuAArgAspLeuThrSerSerSerSerAspGlnLeuSerTrpIleI 37
|||||:||||| :|||:|||||
2118 TCCGGGCGAGACATGCCATGGGACAG.....GCCTTGTGCC 2081
37 leGluLeuLeuGluLysAspGlyMetAlaPheGlnGlnAlaLeuAspPro 53
||||:||||| ||| :|||:||||| |||
2080 TCCAGATAGTTGAGGCGCTAGCCAGCTGTTGACCACTGCAGCTTCCA 2031
54 GlyProPheAspGlnGlySerProPheAlaGln..... 64
|||:||||| :|||:|||||
2030 GCTGGCTGGCACGAGTGGCCAGCTTTCCGACATACATGTTATGGCCC 1981
65 .....GluLeuLeuAspAspGlyGlnGlnAlaSerProTrpHis 77
||||:||||| ||| :|||:||||| |||
1980 CCAGGTGTACAAATTCCTCGACCATGTGCTGTCCAGCATGACAC 1932
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seq_name: /cgn2_6/plodata/2/ina/PCTUS_COMB.seq:PCT-US95-16435-1

seq_documentation_block:

Sequence 1, Application PC/US9516435

GENERAL INFORMATION:

APPLICANT: The Johns Hopkins University School of Medicine

TITLE OF INVENTION: NOVEL PROTEIN TYROSINE KINASE, JAK3

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.

STREET: 4225 Executive Square, Suite 1400

CITY: La Jolla

STATE: CA

COUNTRY: USA

ZIP: 92037

COMPUTER READABLE FORM:

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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/16435
FILING DATE: 15-DEC-1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/033W01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ. ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3807 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
PCT-US95-16435-1
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alignment_scores:
Quality: 64.50      Length: 83
Ratio: 1.402      Gaps: 2
Percent Similarity: 55.422      Percent Identity: 25.301
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alignment_block:

US-08-978-217-7 x PCT-US95-16435-1/rev ..

Align seg 1/1 to reverse of: PCT-US95-16435-1 from: 1 to: 3807

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4 LeuGluGluLeuAArgLeuValPheGlyProLeuGlyAspGlnLeuHisAl 20
|||||
2168 CTTGATGAAGAGCGGCGCTCCATCAGCCCTCCGAGCGAGGAGGACCT 2119
|||||
20 agInLeuAArgAspLeuThrSerSerSerSerAspGlnLeuSerTrpIleI 37
|||||
2118 TCCGGCGAGAGACATTCGCATGGGAGCAG.....GCCTTTGTC 2081
|||||
37 LeuGluLeuGluLysAspGlyMetAlaPheGlnGluAlaLeuAspPro 53
|||||
2080 TCCGAGATGATGAGGCGGTAGGCCAGCTGTTGACACACTGCACCTTCCA 2031
|||||
54 G1yProPheAspGlnGlySerProPheAlaGln..... 64
|||||
2030 GCTGGCTGGACCCAGGTGGCCACGCTTTTCGCAGATACATGTCATGGCCC 1981
|||||
65 .....GluLeuLeuAspAspGlyGlnGlnAlaSerProTrpTrHis 77
|||||
1980 CCAGGTTACAAATTCCTCGACCATGGTGTGCTTCAGCCATCCACAC 1932
|||||
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seq_name: /cgn2_6/plodata/2/lna/5B.COMB.seq:US-08-770-379-20

seq_documentation_block:

Sequence 20, Application US/08770379

Patent No. 5849364

GENERAL INFORMATION:

APPLICANT: Chang, Yuan

APPLICANT: Bohenzky, Roy A.

APPLICANT: Russo, James J.

APPLICANT: Edelman, Isidore S.

APPLICANT: Moore, Patrick S.

TITLE OF INVENTION: POLYPEPTIDES FROM KAPOSI'S SARCOMA-ASSOCIATED

NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:

ADDRESSEE: Cooper & Dunham LLP

STREET: 1185 Avenue of the Americas

```
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/770,379
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 52342
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
INFORMATION FOR SEQ. ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 3207 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-770-379-20
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alignment_scores:
Quality: 64.00      Length: 80
Ratio: 1.488      Gaps: 4
Percent Similarity: 53.750      Percent Identity: 30.000
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alignment_block:

US-08-978-217-7 x US-08-770-379-20 ..

Align seg 1/1 to: US-08-770-379-20 from: 1 to: 32207

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17 GlnLeuHisAlaGlnLeuAArgAspLeuThrSerSerSerSerAspGluLe 33
|||||
4553 CAGCTGTGGTCACACCTTCGCGGCCCTTACTGCGGATGAAATCCACACGCG 4602
|||||
33 uSerTrpIleIleGluLeuLeuGluLysAspGlyMetAlaPhe..... 47
|||||
4603 TTTCGACTGCTGCGGGGTGCTAGTAGAA.....ATGAGATTGTGCTCCG 4646
|||||
48 .....GlnGluAlaLeuAspProGly..... 54
|||||
4647 CGCCCAAGACGCCCGCGCGGAGCGCGGTGGCGCCCGCGCAACACTGCCA 4696
|||||
55 ProPheAspGlnGlySerProPheAlaGlnGlnLeuLeuAspAspGlyG1 71
|||||
4697 CCGTACCCCTACAGGCGCTTGCCACCGCGGAGCGGCTGTGCGCCAGGCGCA 4746
|||||
71 nGlnAlaSerProTrpTrHisProGlySerCysGlyAlaGly 84
|||||
4747 GGAACGCTTGCG.....GGCGCTGCGC 4768
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seq_name: /cgn2_6/plodata/2/lna/6B.COMB.seq:US-08-757-669A-20

seq_documentation_block:

Sequence 20, Application US/08757669A

Patent No. 6183751

GENERAL INFORMATION:

APPLICANT: Chang, Yuan

APPLICANT: Bohenzky, Roy A.

APPLICANT: Russo, James J.

APPLICANT: Edelman, Isidore S.

APPLICANT: Moore, Patrick S.

TITLE OF INVENTION: UNIQUE ASSOCIATED KAPOSI'S SARCOMA VIRUS

SEQUENCES AND USES THEREOF


```

: NUMBER OF SEQUENCES: 20
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Cooper & Dunham LLP
: STREET: 1185 Avenue of the Americas
: CITY: New York
: STATE: New York
: COUNTRY: U.S.A.
: ZIP: 10036
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/757,669A
: FILING DATE:
: CLASSIFICATION: 424
: ATTORNEY/AGENT INFORMATION:
: NAME: White, John P.
: REGISTRATION NUMBER: 28,678
: REFERENCE/DOCKET NUMBER: 45185-F
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (212) 278-0400
: TELEFAX: (212) 391-0525
: INFORMATION FOR SEQ ID NO: 20:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 32207 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: US-08-757-669A-20

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alignment_scores:
  Quality: 64.00      Length: 80
  Ratio: 1.488      Gaps: 4
  Percent Similarity: 53.750      Percent Identity: 30.000

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alignment_block:
US-08-978-217-7 x US-08-757-669A-20 ..

Align seg 1/1 to: US-08-757-669A-20 from: 1 to: 32207

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   |||||  :: |||||  |||||  ::|||  |||||
4553 CAGCTGTGTCACACTTGCAGCCCTTACTGCGATGATCCGACAGCC 4602
   33 usertPleileGluLeuLeuGluLysAspGlyMetAlaPhe..... 47
   |||  ::|||  ::|||  ::|||  ::|||  ::|||
4603 TTCTGACACTGCTGCGGTGCTAGTAA.....ATGAGTTTGTCTCCG 4646
   48 .....GlnGluAlaLeuAspProGly..... 54
4647 CGCCCAAGACCGCGCGGAGCGGTGGCGCGCGCGCAACACTGCCA 4696
   55 ProPheaspGlnGlySerProPheAlaGlnGluLeuLeuAspAspGlyG 71
   |||  ::|||  ::|||  ::|||  ::|||  ::|||
4697 CCGTACCCCTACGGCCCTTGCACCGGCGAGCGCTGTCGCGCCAGCGCA 4746
   71 nglnAlaSerProTyrHisProGlySerCysGlyAlaGly 84
   |||  ::|||  ::|||  ::|||  ::|||  ::|||
4747 GGAACGCTTGGC.....GGCGCTGGC 4768

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